APR 0 9 2004 33

Sheet 1 of 10 Form PTO-1449 Atty. Docket No.: 63049.001012 Application No.: 10/772,917 U.S. Department of Commerce Patent and Trademark Office (Rev. 8-83) INFORMATION DISCLOSURE **STATEMENT** (Use several sheets if necessary) Applicant: Ronald D. Blum et al. Filing Date: February 5, 2004 Group: Unacsigned **U.S. PATENT DOCUMENTS** Filing Date Examiner Document Date Name Class Subclass Initial* Number (if appropriate) 12/16/97 Theirl et al. Re. 35,691 1 D 298,250 10/25/88 Kildall 2 3 D 342,063 12/7/93 Howitt et al. 9/6/94 D 350,342 Sack 3/9/48 2,437,642 Henroteau 11/27/51 2,576,581 Edwards 12/15/64 de Luca 3,161,718 7 4/12/66 3,245,315 Marks et al. 8 3,614,215 10/19/71 Mackta 6/12/73 Tait et al. 10 3,738,734 4,174,156 11/13/79 Glorieux 11 12 4,181,408 1/1/80 Senders 2/26/80 13 4,190,330 Berreman Date Considered: Examiner: *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

APR 0 9 2004 2

Sheet 2 of 10

Form PTO-1449 U.S. Department of Commerce (Rev. 8-83) Patent and Trademark Office Atty, Docket No.: 63049.001012 Application No.: 10/772,917

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant: Ronald D. Blum et al.

Filing Date: February 5, 2004

Group: Unassigned

U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
4	14	4,264,154	4/28/81	Peterson		7	
_/	15	4,279,474	7/21/81	Belgorod .			
7	16	4,300,818	11/17/81	Schachar		1.	
	17	4,373,218	2/15/83	Schachar			
	18	4,395,736	7/26/83	Fraleux	7		
	19	4,418,990	12/6/83	Gerber			
	20	4,457,585	7/3/84	DuCorday			
	21	4,466,706	8/21/84	Lamothe, II	1 7		
	22	4,529,268	7/16/85	Brown			
	23	4,564,267	1/14/86	Nishimoto			
	24	4,572,616	2/25/86	Kowel et al.			
	25	4,577,928	3/25/86	Brown			
1	26	4,601,545	7/22/86	Kern	1		
	27	4,609,824	9/2/86	Munier et al.			
1	28	4,712,870	12/15/87	Robinson et al.			
to	29	4,756,605	7/12/88	Okada et al.			

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

APR 0 9 2004 B

(Rev. 8-83)

U.S. Department of Commerce | Atty. Docket No.: 63049.001012 | Application No.: 10/772,917

INFORMATION DISCLOSURE STATEMENT

Patent and Trademark Office

(Use several sheets if necessary)

Applicant: Ronald D. Blum et al.

Filing Date: February 5, 2004

Group: Unassigned

U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
by	30	4,772,094	9/20/88	Sheiman			
1.	31	4,795,248	1/3/89	Okada et al.			
	32	4,818,095	4/4/89	Takeuchi			
	33	4,836,652	6/6/89	Oishi et al.			
	34	4,880,300	11/14/89	Payner et al.		/	
	35	4,904,063	2/27/90	Okada et al.			
	36	4,907,860	3/13/90	Noble			
	37	4,919,520	4/24/90	Okada et al.	1		
	38 .	4,927,241	5/22/90	Kuijk	1 7		
	39	4,929,865	5/29/90	Blum	1		
	40	4,930,884	6/5/90	Tichenor et al.	1 1		
	41	4,945,242	7/31/90	Berger et al.	1 1		
	42	4,952,788	8/28/90	Berger et al.	17		
4	43	4,958,907	9/25/90	Davis	1-		
Examiner:	L	OHA	BEN	Date Considered:	3,	12/	07

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

APR 0 9 2004 25

Sheet 4 of 10 Application No.: 10/772,917 U.S. Department of Commerce Atty. Docket No.: 63049.001012 Form PTO-1449 (Rev. 8-83) Patent and Trademark Office INFORMATION DISCLOSURE **STATEMENT** (Use several sheets if necessary) Applicant: Ronald D. Blum et al. Filing Date: February 5, 2004 Group: Unassigned **U.S. PATENT DOCUMENTS** Subclass Filing Date Class Examiner Document Date Name Initial* Number (if appropriate) 4,961,639 10/9/90 Lazarus 4,968,127 11/6/90 Russell et al. 1/1/91 Fiala 46 4,981,342 2/12/91 4,991,951 Mizuno et al. 47 5/14/91 5,015,086 Okaue et al. 48 5,030,882 7/9/91 Solero 49 11/19/91 Wiley 50 5,066,301 5,073,021 12/17/91 Marron 51 5,076,665 52 12/31/91 Petersen 53 5,091,801 2/25/92 Ebstein 4/28/92 54 5,108,169 Mandell 7/14/92 Tichenor et al. 55 5,130,856 Fiala 8/25/92 56 5,142,411 12/15/92 Wiley et al. 57 5,171,266 1/26/93 Stoner 58 5,182,585 Date Considered: Examiner: *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP \$09; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

APR 0 9 2004 B

Sheet 5 of 10 Form PTO-1449 Application No.: 10/772,917 U.S. Department of Commerce Atty. Docket No.: 63049.001012 Patent and Trademark Office (Rev. 8-83) INFORMATION DISCLOSURE **STATEMENT** (Use several sheets if necessary) Applicant: Ronald D. Blum et al. Filing Date: February 5, 2004 Group: Unassigned **U.S. PATENT DOCUMENTS** Examiner Document Date Name Class Subclass Filing Date Initial* Number (if appropriate) 59 5,184,156 2/2/93 Black et al. 5,200,859 4/6/93 Payner et al. 60 61 5,208,688 5/4/93 Fergason et al. 7/20/93 62 5,229,885 Quaglia 8/24/93 5,239,412 Naka et al. 63 4/26/94 Yonemoto 64 5,306,926 6/28/94 5,324,930 Jech, Jr. 65 5,352,886 10/4/94 Kane 66 67 5,359,444 10/25/94 Piosenka et al. 5,375,006 12/20/94 Haas 68 69 5,382,986 1/17/95 Black et al. 8/8/95 70 5,440,357 Quaglia 5,443,506 8/22/95 Gurabet 71 9/19/95 Van Berkel 72 5,451,766 Weltmann 1/30/96 73 5,488,439 Examiner: Date Considered: *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

APR 0 9 2004 W

applicant.

Application No.: 10/772,917 Form PTO-1449 U.S. Department of Commerce Atty. Docket No.: 63049.001012 Patent and Trademark Office (Rev. 8-83) INFORMATION DISCLOSURE **STATEMENT** (Use several sheets if necessary) Applicant: Ronald D. Blum et al. Filing Date: February 5, 2004 Group: Unassigned **U.S. PATENT DOCUMENTS** Date Name Subclass Filing Date Examiner Document (if appropriate) Number Initial* 5,522,323 6/4/96 Richard 75 5,608,567 3/4/97 Спирр 4/1/97 Gottschald 76 5,615,588 77 5,654,786 8/5/97 Bylander 1/27/98 5,712,721 Large 78 79 5,728,155 3/17/98 Anello et al. 4/14/98 80 5,739,959 Quaglia 5,777,719 7/7/98 Williams et al. 81 Morokawa et al. 82 5,815,233 9/29/98 83 5,861,936 1/19/99 Sorenson 84 5,900,720 5/4/99 Kallman et al. 9/7/99 Williams et al. 85 5,949,521 11/9/99 Conway 86 5,980,037 12/4/01 Decreton et al. 87 6,325,508 FOREIGN PATENT DOCUMENTS Subclass Class **Translation** Document Number Date Country Yes No WO 98/27863 7/2/98 WIPO Х X 0 154 962 A2 9/18/85 EPO Date Considered: Examiner: BEN *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line

through citation if not in conformance and not considered. Include copy of this form with next communication to

Sheet 6 of 10

APR 0 9 2004 E

<u> </u>										et _7_ of 10
Form P (Rev. 8-8		1449			Atty. D	ocket No.: 63049.0	001012	Application l	No.: 10/772,917	
INFO	OR:			URE						
	ſL	se seve	eral sheets if necessary)							
	•		,,		Applica	int: Ronald D. Blu	ım et al.			
ļ										
					Filing D	Date: February 5, 2	2004	Group: Unac	VR7	3
			,	FORE	IGN P	ATENT DO	CUME	ENTS		
	Γ	Doc	cument Number	Da	te	Country	·	Class	Subclass	<u>Translation</u>
m	3	0 2	33 104 A1	8/19/8	7	ЕРО				(Abstract)
/	4	0 2	37 365 A1	9/16/8	7	EPO			/	(Abstract)
	5	1-2	37610 9/22/89 Japan (Abstract)							
	FORMATION DISCLOSURI STATEMENT (Use several sheets if necessary) Document Number	7/09/8	6	UK				X		
	7	217	0613A	8/6/86		UK		/		Х
in	Filing Date: February 5, 2004 Group: Unasseigned- Filing Date: Group: Unasseigned- F									
Examine Initial*	r								•	
X		l					iquid Cr	ystal Cell"; Sto	ephen T. Kowel	et al., Applied
		2	"Computer Vision Sy	ndrome -	The Eye		; Robert	A. Davis, O.I)., Review of Opt	ometry,
Y		3	"The Use of Yoked B	ase-Up a	nd Base-					art M. Lazarus,
X		4					тр. 1. 7.	20, pp. 20+20	<u> </u>	
		5	"Vision Through a Lic Conference, Durham	quid-Cry	stal Spati	ial Light Modulat	or"; Lar	ту N. Thibos e	t al., Inpress, Ad	aptive Optics
		6	"Requirements for Se	gmented	Spatial L	ight Modulators	for Diffr	raction-Limited	d Imaging Throu	gh Aberrated
		7	"Use of Liquid-Crysts	ıl Adapti	ve-Optic	s to Alter the Refi	ractive S	State of the Eye	e"; Larry N. Thit	oos et al.,
X		8						Optometry, Vo	l. 2, No. 1, 1999	
X		9		ibos, Ph.	D. and D	onald Miller, Ph.	D.", Ind	iana Journal o	f Optometry, Vo	I. 2, No. 1, pp. 5-
Examine	r:	<u> </u>	OILA DA	~_ 1			Date Co	nsidered:	2/12	1~7
*CV A B A	IINIE	<u>レ</u>	WHIT BY	<u> </u>	04 05	aitation is is sent	Fa			
										rough
										į

X pid not receive



Sheet 8 of 10 0/772.917

	S	TION DISC FATEMEN	Т				
	(Use se	veral sheets if nec	essary)	Applicant: Ronald I	D. Blum et al.		
				Filing Date: Februa	ry 5, 2004	Group: Uni	*87.3
			U.S. PA	TENT DOCUMI	ENTS		
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
W	1	4,787,733	11/29/88	Silva	-	7	
	2	4,919,520	04/24/90	Okada et al.			
7	3	5,050,981	09/24/91	Roffman		1	
1	4	5,114,628	05/19/92	Höfer et al.		/	
	5	5,682,223	10/28/97	Menezes et al.		/	
	6	5,712,721	01/27/98	Large			
\top	7	5,815,239	09/29/98	Chapman et al.	1		
1	8	5,953,098	09/14/99	Lieberman et al.			
	9	6,086,204	07/11/00	Magnante			
\top	10	6,095,651	08/01/00	Williams et al.			
7	11	6,145,987	11/14/00	Baude et al.			
1	12	6,305,802	10/23/01	Roffman et al.	17		•
5	13	6,554,425	04/29/03	Roffman et al.	1	<u> </u>	
Examiner:		OHA .	BEN	Date Considered:	3/1	2/0	7
*EXAMIN through cit applicant.	VER: I	nitial if citation f not in conform	considered, wh	ether or not citation is i onsidered. Include copy	n conformance of this form	e with MPEP with next cor	609; Draw line mmunication to



Form PTC (Rev. 8-83))	Patent and Tradem	ark Office	Atty. Docket No.: 6	3049.0010	012 Ap	plication No.	: 10/772,917
INFO		ATION DISCL TATEMENT	OSURE					
	(Use se	everal sheets if necessar	(y)	Applicant: Ronald I	D. Blum e	t al.		·
				Filing Date: Februa		Gr	oup: Vnassig	73
			U.S. PAT	TENT DOCUM	ENTS			
Examiner Initial*		Document Number	Date	Name	Class	Subc		Filing Date f appropriate)
Lon	14	6,609,794	8/26/03	Levine	-	7		
(15	6,616,275	9/09/03	Dick et al.		17		,
\	16	6,616,279	9/09/03	Davis et al.		/		
h	17	6,631,001	0/07/03	Kuiseko	2			
							-	
	-							
			FOREIC	NAI DA TENTE DO	CLIM	ENTER		
		Document Number		Country	COMI	Class	Subclass	Translation
χ̈́	1	10366043	12/09/98	JP		·		Yes No
\frac{\frac}\fint}}}}}}{\frac}}}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}}}}}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}}}}}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}}}}}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}	2	PCT/US91/04976	07/15/91	PCT				
X	3	PCT/US97/21688	11/21/97	PCT		,	i	
Examiner:	L	OHA BE	N	Date Considered:	7	3/1	2/0	7
*EXAMI through c applicant.	itation	Initial if citation con if not in conformanc	sidered, whet e and not cor	ther or not citation is insidered. Include cop	n conforr y of this f	nance wi form with	th MPEP 609 next commi	9; Draw line unication to

X Did not receive

OIPEVOL	
APR 0 9 2004 E	
PIENT & TRADERIES	_

Form PTO- (Rev. 8-83)	1449	U.S. Department of Comm Patent and Trademark Off			Atty. Do	ocket No.: 001012		Application No.: 10/772,917
INFO	RMA'	TION DISCLOS (Use several sheets if n		EMENT				
					Applica	nt: Ronald	D. Blum	et al.
	·				2004	Date: Febru	uary 5,	Group: Unassigned 2873
		FO	REIGN PAT	TENT DOCI	UMEN'	TS		
		Document Number	Date	Country		Class	Subclas	ss <u>Translation</u> Yes No
	-		······································					
								•
		·						
Examiner Initial*		ОТНЕ	R DOCUMI	ENTS (Includin	g Author,	Title, Date,	Pertinent P	ages, Etc.)
×	2	"Control Optimization Express, Vol. 4, No. 9 "Liquid Crystal Adapt	April 26, 1999.	, pp. 344-352				
×		Vol. 23, No. 13, July I	, 1998, pp. 992-	.994				
	3 .	"Liquid Lenses Eye Co Laser, November 2003		kthrough" (Inter	net Article	e under "C	Optics.org); from <i>Opto</i> &
							<u></u>	
				·				
Examiner:	Lî	HA BE	N		Date Co	onsidered:	3/12	107
		tial if citation considered informance and not consi						

.PTO/SB/08A (10/01) (modified)

				705			U.S. Patent and Trademan	Conice, O.S. D	CHAITINE INTO	COMME	.nuc
Substitu	te for	form 1449A	VPTO \	ELT.	LA EST	Applic	cation Number	10/772,917			
INIE	: - -		∩N F	OISCHO!		Filing	Date	February 5	, 2004	-	
				/ APPLIC		First I	Named Inventor	Ronald D.	Blum		
31				s as necessar		Art Üı	nit	2873			
	(US	as many	7 3110013	, as riecessar	y)	Exam	iner Name	Unassigno	& LOHA	BE	Ŋ
Sheet		1	of	2		Attorr	ney Docket Number	63049.001	012 ·		
					U.S. PAT	ENT (DOCUMENTS				
*Examiner tritials	Cite No.	II .		NUMBER ode (if known)	Publication MM-DD-Y		Name of Patente Applicant of Cited Do		Pages, Colur Where Relevan Relevant Figu	t Passage	es or
607	1		386,308	· · · · ·	1-31-1995		Michel et al.				
	2	US-									
	3	US-	·								
	4	US-									
	5	us:									
	6	US-									
	7	US-									
	8	US-						·	•		
	9	US-									
	10	US-	<u></u> ,						 		
	11	US-									
	12 13	US- US-									
	14	US-									
		03-	······································		DEIGN D	ATEN	T DOCUMENTS	<u> </u>			
					TREIGINE	A LIN	T DOCONIENTS				
		FOREIGN	PATENT	OCUMENT							
*Examinar	Cite	Country, Code:	Numbe	er - Kind Code if known)	Publication D	ate	Name of Patentee or		olumns, Lines, evant Passages	TRANSLA	ATION
Initial	No.				MM-DD-YYY	/Y A	pplicant of Cited Document	or Relevant	Figures Appear	YES	NO
	1										
	2					_					
	3						· · · · · · · · · · · · · · · · · · ·	 			므
	4				*****			 			
	5					-					무
	6										무
	7			110		-		1 /			
EXAMI	NER:	SIGNATUR	RE /	Why	m	D	ATE CONSIDERED	3/12	107	······································	
							tation is in conformanc			line thro	ough

PTO/SB/08A (10/01) (modified)

				JUL 0 7 2004 W	U.S. Patent and Trademar	k Office; U.S. DEPARTMENT OF	COMM	ERCE
Substitu	te for	form 1449A/	PT	SCLOSURE	Application Number	10/772,917		
INIE		SNATIC		TEMPOSIBE	Filing Date	February 4, 2004		
				APPLICANT	First Named Inventor	Ronald D. Blum		
	-			as necessary)	Art Unit	2873		
					Examiner Name	Unassigned LOHA	BE	N
Sheet		2	of	2	Attorney Docket Number	63049.000088		
		ОТ	HER (DOCUMENTS - NON	I-PATENT LITERATURE	DOCUMENTS		
*Examiner	Cite	1			LETTERS), title of the article (when a symposium, catalog, etc.), date, pag		TRANSI	LATION
etaitinl	No.			number(s), publish	er, city and/or country where published	d	YES	NO
Wy	1			N, "Adaptive Optics: Liqu December 1999	uid Crystals Lower the Cost of	of Adaptive Optics", <u>Laser</u>		⊠
	2							
	3							
	4		-					
	5							
	6							
	7							
	8							
	9							
	10							
	11			4-0-		/		
EXAMI	NER	SIGNATUR	E \(Khoms	DATE CONSIDERED	3/12/07		
					r not citation is in conformance		line th	rough

AUG 0 9 7004 E

Substitute for form 1449A/PTO

FIFT & TRADEMINE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number 10/772,917

Filing Date February 5, 2004

First Named Inventor Ronald D. Blum

Art Unit 2873

Examiner Name Unassigned LOHA BEN

Sheet 1 of 1 . Attorney Docket Number 63049.001012

U.S. PATENT DOCUMENTS

*Examiner	Cas No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
25	1	US- 6,437,925	08-20-2002	Nishioka	
4	2	US- 6,464,363	10-15-2002	Nishioka et al.	
LA	3	US- 6,626,532	09-30-2003	Nishioka et al.	
107	4	US- 6,682,195	01-27-2004	Dreher	
	5	US-			
	6	US-			
	7	US-			
	8	US-			
	9	US-		·	
	10	US-			·
	11	US-			
	12	US-			
	13	∪S∙			
	14	US-			

FOREIGN PATENT DOCUMENTS

1								
		FOREIGN Country	PATENT DOCUMENT Number - Kind Code			Pages, Columns, Lines,	TRANSL	ATION
*Examinor Initial	No.	Code:	(if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	YES	NO
esy	1	wo	03/050472 A1	06-19-2003	Horwitz		Ø	
6	2	wo	03/068059 A2	08-21-2003	Lai et al.		×	
4	3	wo	2004/008189 A1	01-22-2004	Lai et al.		×	
m	4	wo	2004/015481 A1	02-19-2004	Dreher et al.		×	
2	5	wo	2004/034095 A2	04-22-2004	Lai		×	
	6							
	7					/ /		
EXAMI	NFR	SIGNATUI	BE I I S	14 ====	DATE CONSIDERED	3/12/07		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

			U.S. PATE	AL DOCU	IMENTS		_
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (II known)}	Publication Da MM-DD-YYY		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Whe Relevant Passages or Releva Figures Appear	re int
M	1	US 6,050,687	04/18/2000	Bille	, et al.		_
	ļ						_
							
	ļ						_
							_
	<u> </u>			_			_
					·		_
							_
	ļ						
	<u> </u>					1	_
	,		FOREIGN PA	TENT DO	CUMENTS		_
Examiner	Cite	Foreign Patent Document	Publica	tion Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or	l
Initial*	No.	Country Code ³ Number ⁴ Kind Code ⁵	(if known) MM-D	D-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	ļ
							ŀ
							T
							F
	L					1 , ,	L
Examiner Signature		Al Dung			Date Considered	3/12/07	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/08a (08-03)
Approved for use through 06/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

DEC !		oder the Panci	owork Reduction Act of 1995.	no persons are required to respond to a collec-	tion of information unless it contains a valid OMB control number		
		TO		Complete if Known			
Supstitute	for favor 1449A/P	10	•	Application Number	10/772.917		
			CLOCUPE	Filing Date	February 5, 2004		
			CLOSURE	First Named Inventor	Ronald D. BLUM et al.		
ST	ATEMENT			Art Unit	2873		
	(use as many s	heets as n	ecessary)	Examiner Name	Unassigned LOHA BEN		
Sheet	1	of	1	Attorney Docket Number	63049.000236 (previously 65761.000012)		

Examiner	Cite	Document Number Number-Kind Code ^{2 (U known)}		Publ	Publication Date MM-DD-YYYY		Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
nitials"	No.1			ММ			Applicant of Cited Document		
647	<u> </u>		3,791,719	02/12/1974		Kratzer et al.			
M	2 US 2002/0140899 A1		10/03/2003		Blum et al.				
m	3	US	2002/0186346 A1	12/12	2/2002	Stant	z et al.		
	ļ	· .				 			
	<u> </u>								
	ļ					1			
	 								
						 	•		
		-							
				FORE	GN PATE	NT DO	CUMENTS		
Examiner Initial*	Cite No.	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)			Publication Date MM-DD-YYYY		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	ļ								
	<u> </u>	1			l		Date	3/12/07	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Signature